

COMBINED DECLARATION FOR PATENT APPLICATION  
AND  
POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**DNA and RNA Sequencing by Nanoscale Reading Through Programmable  
Electrophoresis and Nanoelectrode-Gated Tunneling and Dielectric Detection**

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Vincent A. Branton	Registration No. 39,120
George L. Craig	Registration No. 29,293
Joseph A. Marasco	Registration No. 32,798
James M. Spicer	Registration No. 26,096
Shelley L. Stafford	Registration No. 38,623
Kirk A. Wilson	Registration No. 45,939

All of: UT-Battelle, LLC  
P. O. Box 2008  
Oak Ridge, Tennessee 37831-6498

Please direct all correspondence and telephone calls to James M. Spicer, Phone (865)-574-4180.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of inventor: James W. Lee

Inventor's signature:

James W. Lee

Date:

1/15/2002

Residence:

Oak Ridge, Tennessee

Citizenship:

USA

Post Office Address:

204 Elmhurst Drive, Apt. G-23, Oak Ridge, Tennessee 37830

Full name of inventor:

Thomas G. Thundat

Inventor's signature:

Thomas G. Thundat

Date:

1-15-02

Residence:

Knoxville, Tennessee

Citizenship:

USA

Post Office Address:

616 Plainfield Road, Knoxville, Tennessee 37923

Full name of inventor:

Elias Greenbaum

Inventor's signature:

Elias Greenbaum

Date:

1/15/02

Residence:

Oak Ridge, Tennessee

Citizenship:

USA

Post Office Address:

972 West Outer Drive, Oak Ridge, Tennessee 37830